

Figure 1

Fig. 2. PEM Mass Increases Due to Humidified Air
at $95 \pm 5\%$ RH/ca. 23°C (Air Pre-Heat: $125^\circ\text{C}/60\text{ Hr}$)

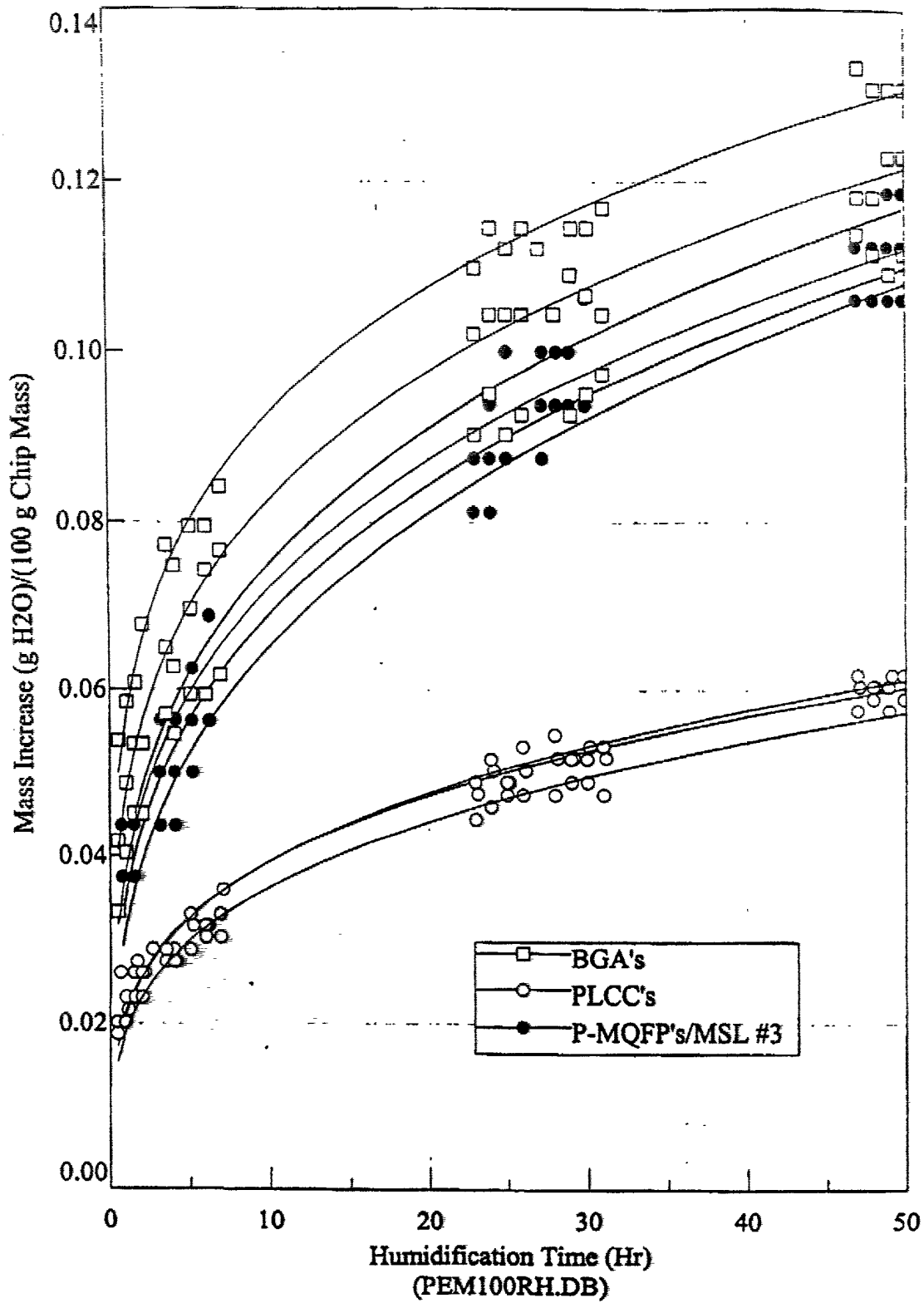


Fig. 3. Theoretical PEM Mass Increases Due to Humidified Air (PEM MSL 3 With Air Pre-Heat at 125 C/60 Hr)

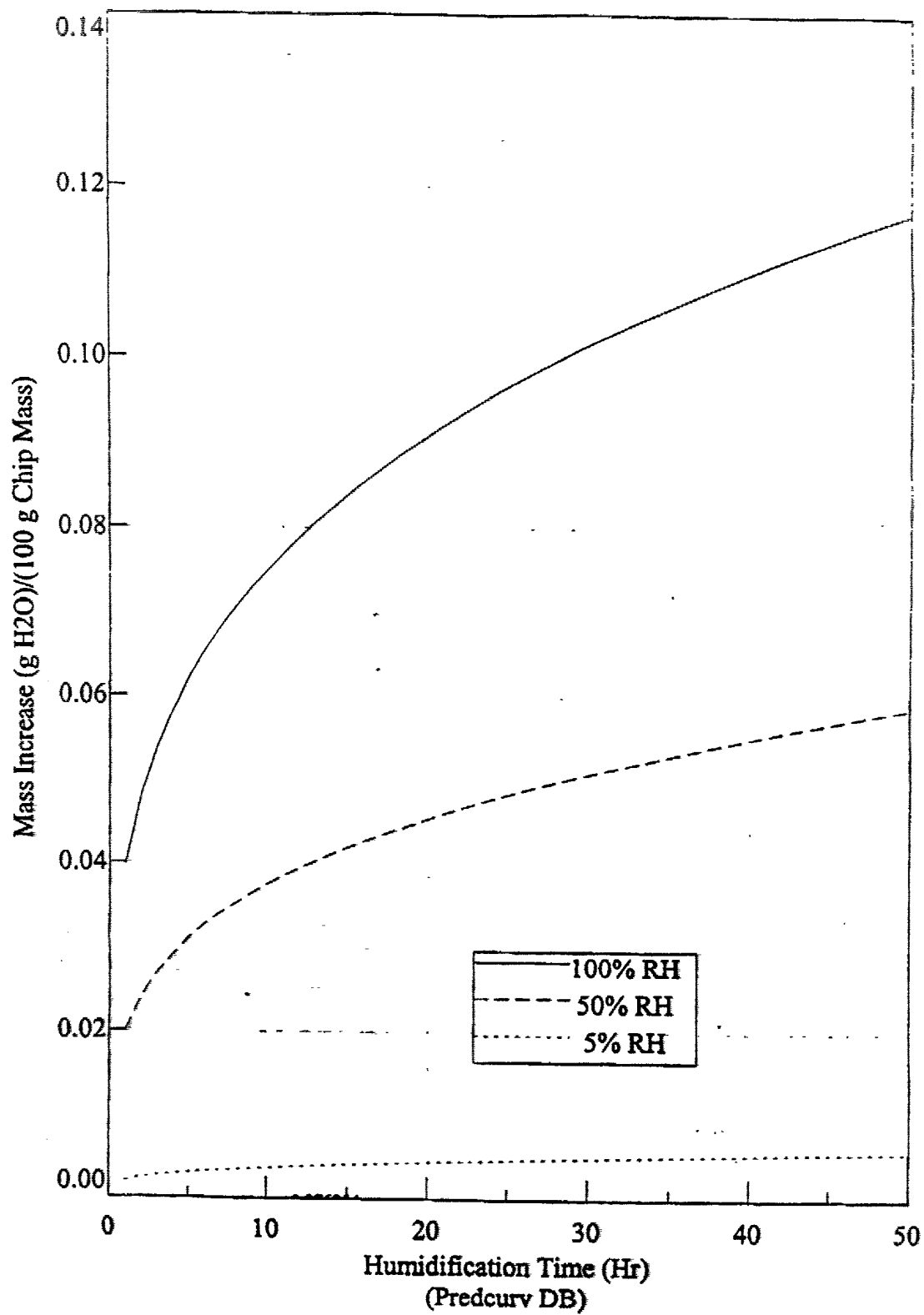


Fig. 4. Mass Increases in MSL 3 MQFP's Due to Humidified Air at $50\pm 5\%$ and $95\pm 5\%$ RH and at 23 ± 2 C (Air Pre-Heat: 125 C/60 Hr)

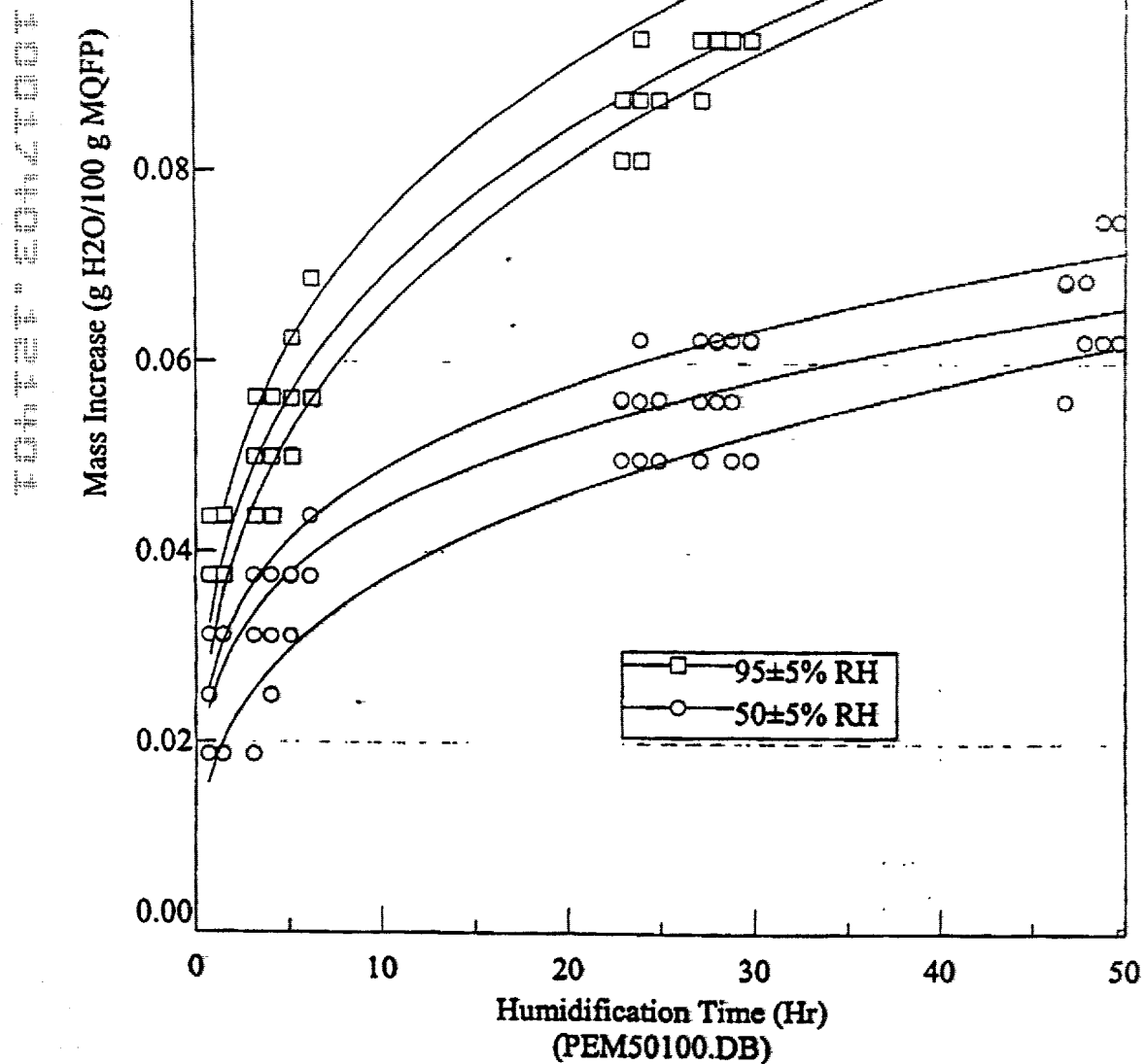


Fig. 5. BGA/PLCC PEM Mass Decrease Due to Drying at 125 C
in Air (PEM's Previously Saturated at ca. 100 % RH/23 C)

